

WE CLAIM:

1. A shaped solid halogen bleach composition comprising a continuous solid phase of an active halogen
5 bleach source and about 10 to 80 wt%, based on the solid, of an encapsulate active halogen bleach source, said encapsulate comprising an active halogen source and at least one encapsulating layer.

2. The solid of claim 1 wherein the shaped solid is a
10 cylindrical solid with a thickness of about 10 to 80 millimeters and a diameter of about 20^{to}150 millimeters, wherein the encapsulate is evenly dispersed throughout the solid phase. VFM 2/26/93
KEO 2/26/93

3. The solid of claim 1 wherein the mass of the solid
15 is at least 1 gram and the particulate has a diameter no greater than about 5 millimeters. VFM 2/26/93
KEO 2/26/93

4. The solid of claim 1 wherein the active halogen bleach comprises a source of active chlorine.

5. The solid of claim 4 wherein the source of active
20 chlorine comprises chlorinated trisodium phosphate, chlorinated sodium tripolyphosphate, or mixtures thereof.

6. The solid of claim 2 wherein the source of active
halogen of the continuous phase or the halogen source of the encapsulate comprises a chlorinated isocyanuric acid
25 compound.

7. The solid of claim 1 wherein the encapsulate comprises a core of an active halogen source and at least one organic encapsulating layer.

8. The solid of claim 1 wherein the encapsulate
5 comprises a core comprising an active halogen source and at least one inorganic encapsulating layer.

9. The solid of claim 1 wherein the encapsulate comprises a core of an active halogen source, a first inorganic inner layer and a second organic outer layer.

10 10. The solid of claim 1 wherein the continuous solid phase also contains a binder (tableting aid).

11. The solid of claim 1 wherein the solid comprises a compressed solid.

12. The solid of claim 1 wherein the particle size of
15 the continuous phase is about 0.2 to 5 millimeters. ^{VFM 2/26/93}
KED 2/26/93

13. The solid of claim 1 wherein the solid further comprises a wetting agent.

14. The solid of claim 1 wherein the solid further comprises a sequestrant.

20 15. A solid tablet chlorine bleach composition comprising a continuous solid phase of an active chlorine source and about 10 to 80 wt% based on the solid of an encapsulated chlorinated isocyanuric acid, said encapsulate comprising an active core of chlorinated isocyanuric acid
25 and at least one encapsulating layer.

16. The solid of claim 15 wherein the ~~diameter~~^{thickness} of the solid is about 20 to 80 millimeters having a ~~thickness~~^{diameter} of about 50 to 150 millimeters and the encapsulated chlorinated isocyanurate is evenly dispersed throughout the solid phase.
17. The solid of claim 15 wherein the chlorine source of the continuous solid phase also comprises chlorinated isocyanuric acid.
18. The solid of claim 16 having a mass of at least 1 gram and a particulate having a diameter of no greater than 5 millimeters.
19. The solid of claim 15 wherein the solid phase comprises chlorinated trisodium phosphate, chlorinated trisodium polyphosphate, calcium hypochlorite or mixtures thereof.
20. The solid of claim 16 wherein the encapsulate has at least one inorganic layer.
21. The solid of claim 16 wherein the encapsulate has at least one organic layer.
22. The solid of claim 16 wherein the encapsulate comprises a core of chlorinated isocyanuric acid, a first inner inorganic layer and an external organic layer.
23. The solid of claim 16 wherein the solid phase further contains a diluent.
24. The solid of claim 16 wherein the continuous phase further contains a binder (tableting aid).

25. The solid of claim 16 wherein the continuous phase further comprises a wetting agent.

26. The solid of claim 16 wherein the continuous phase further comprises a sequestrant.

5 27. A method of washing laundry with an aqueous bleach, said method comprising contacting a wash load with an aqueous bleach solution made by contacting the bleach solid of claim 1 with an aqueous spray.

28. A method of washing laundry with an aqueous
10 bleach, said method comprising contacting a wash load with an aqueous bleach solution made by contacting the bleach solid of claim 16 with an aqueous spray.

29. A shaped solid oxidant bleach composition comprising a single source of halogen bleach consisting of
15 an encapsulate active halogen bleach source, said encapsulate comprising an active halogen source and at least one encapsulating layer.

30. The solid of claim 29 wherein the shaped solid is a cylindrical solid with a thickness of about 20 to 80
20 millimeters and a diameter of about 50 to 150 millimeters, wherein the encapsulate is evenly dispersed throughout the solid phase.

31. The solid of claim 29 wherein the mass of the solid is at least 1 gram and the particulate has a diameter
25 no greater than about 5 millimeters.

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32. The tablet of claim 30 wherein the source of active halogen comprises chlorinated trisodium phosphate, chlorinated sodium tripolyphosphate, or mixtures thereof.

33. The solid of claim 29 wherein the encapsulate
5 comprises a core of an active halogen source and at least one organic encapsulating layer.

34. The solid of claim 29 wherein the encapsulate comprises a core comprising an active halogen source and at least one inorganic encapsulating layer.

10 35. The solid of claim 29 wherein the encapsulate comprises a core of an active halogen source, a first inorganic inner layer and a second organic outer layer.

36. The solid of claim 29 wherein the continuous solid phase also contains a binder (tableting aid).

15 37. The solid of claim 29 wherein the solid comprises a compressed solid.

38. The solid of claim 29 wherein the solid further comprises a wetting agent.

39. The solid of claim 29 wherein the solid further
20 comprises a sequestrant.